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Docket No. J11L08

In the Claims:

1. (currently amended) A luminescent vest equipped with plastic optical fibers, comprising:
a top layer comprising a plastic film layer, having a transparent form, bearing letters or patterns according to preset designs;
a middle layer comprising a woven layer containing the plastic optical fibers, wherein a specified number of the plastic optical fibers form a bundle and the plastic optical fiber bundle is coupled to a light-emitting unit to guide and project light;
a bottom layer comprising a web-like woven layer;
wherein the top layer, the middle layer, and the bottom layer form a three-layer structure that is attachable to other clothing and products for extensive applications, including environmental protection uniforms, traffic policeman uniforms, road sweeping uniforms, security guard uniforms and general apparel, projecting light effects during nighttime for alarm effects.
2. (previously presented) The luminescent vest of claim 1, wherein the plastic optical fibers in the woven layer are lengthwise and crosswise.
3. (previously presented) The luminescent vest of claim 1, wherein the woven layer is interwoven by lengthwise plastic optical fibers and crosswise chemical fibers.
4. (original) The luminescent vest of claim 1, wherein the woven layer is interwoven by crosswise plastic optical fibers and lengthwise chemical fibers.
5. (original) The luminescent vest of claim 3, wherein the chemical fiber in the woven layer is made of polyester, nylon or blended fiber.

Claim 6. (canceled)

7. (previously presented) A luminescent vest comprising:
a transparent plastic film layer;

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a woven layer containing plastic optical fibers, wherein a specified number of the plastic optical fibers form a bundle; and

a web-like woven layer;

wherein the woven layer is sandwiched between the transparent plastic film layer and the web-like woven layer forming a three layer structure, and the plastic optical fiber bundle is coupled to a light-emitting unit to guide and project light.

8. (new) The luminescent vest of claim 1, wherein the middle layer is a single woven layer formed by weaving individual single plastic optical fibers, wherein free ends of a specified number of the plastic optical fibers that extend from an edge of the single woven layer form a bundle and the free ends in the bundle are coupled to a light-emitting unit to guide and project light.

9. (new) The luminescent vest of claim 1, wherein the middle layer is a single woven layer formed by weaving individual single plastic optical fibers and individual single chemical fibers, wherein free ends of a specified number of the plastic optical fibers that extend from an edge of the single woven layer form a bundle and the free ends in the bundle are coupled to a light-emitting unit to guide and project light.